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Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-02-16-33 **Date: 07/08/2021**

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur) Byatarayanapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 12-07-21

Customer ID : Culvert Bottom Slab Concrete (Govt School Opp Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 07/08/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm^2)	(N/mm^2)
1	Culvert Bottom Slab Concrete	M20	10/07/2021	07/08/2021	150.79 X 150.69 X 150.97	22721	**8.626**	527.7	23.2	22.9
2	Culvert Bottom Slab Concrete	M20	10/07/2021	07/08/2021	151.96 X 151.29 X 150.25	22989	**8.320**	517.5	22.5	
3	Culvert Bottom Slab Concrete	M20	10/07/2021	07/08/2021	150.90 X 150.28 X 151.23	22677	**8.801**	521.8	23.0	

* The results obtained are satisfactory as per standard requirements.

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

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Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-02-16-33** **Date: 17/07/2021**

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur) Byatarayanapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 12-07-21

Customer ID : Culvert Bottom Slab Concrete (Govt School Opp Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 17/07/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm^2)	(N/mm^2)
1	Culvert Bottom Slab Concrete	M20	10/07/2021	17/07/2021	149.99 X 150.79 X 149.79	22616	**8.512**	422.5	18.7	18.5
2	Culvert Bottom Slab Concrete	M20	10/07/2021	17/07/2021	149.73 X 149.89 X 151.70	22443	**8.602**	421.1	18.8	
3	Culvert Bottom Slab Concrete	M20	10/07/2021	17/07/2021	149.59 X 150.51 X 150.76	22515	**8.820**	408.8	18.2	

* The results obtained are satisfactory as per standard requirements.

CIVIL Pro Sig..... Date..... BANGALORE

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-02-16-33** **Date: 07/08/2021**

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur) Byatarayanapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 12-07-21

Customer ID : Culvert Bottom Slab Concrete (Govt School Opp Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 07/08/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Culvert Bottom Slab Concrete	M20	10/07/2021	07/08/2021	149.33 X 151.21 X 150.85	22580	**8.626**	536.8	23.8	23.1
2	Culvert Bottom Slab Concrete	M20	10/07/2021	07/08/2021	151.14 X 150.11 X 149.87	22688	**8.320**	500.4	22.1	
3	Culvert Bottom Slab Concrete	M20	10/07/2021	07/08/2021	151.39 X 150.42 X 151.90	22772	**8.801**	531.5	23.3	

* The results obtained are satisfactory as per standard requirements.

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-02-16-33** **Date: 20/07/2021**

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur) Byatarayanapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 15-07-21

Customer ID : Culvert Side Wall Concrete (Thirumenahalli Main Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 20/07/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm^2)	(N/mm^2)
1	Culvert Side Wall Concrete	M20	13/07/2021	20/07/2021	151.05 X 151.91 X 150.44	22946	**8.512**	416.2	18.1	18.5
2	Culvert Side Wall Concrete	M20	13/07/2021	20/07/2021	150.64 X 149.13 X 149.87	22466	**8.602**	420.6	18.7	
3	Culvert Side Wall Concrete	M20	13/07/2021	20/07/2021	151.04 X 150.28 X 151.61	22699	**8.820**	423.1	18.6	

* The results obtained are satisfactory as per standard requirements.

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Quality Manager

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-02-16-33 **Date: 10/08/2021**

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chikkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur) Byrasandrapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 15-07-21

Customer ID : Culvert Side Wall Concrete (Thirumenahalli Main Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 10/08/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Culvert Side Wall Concrete	M20	13/07/2021	10/08/2021	149.77 X 151.19 X 149.92	22645	8.626	529.5	23.4	22.9
2	Culvert Side Wall Concrete	M20	13/07/2021	10/08/2021	150.59 X 149.87 X 151.78	22569	8.320	502.6	22.3	
3	Culvert Side Wall Concrete	M20	13/07/2021	10/08/2021	151.00 X 149.03 X 150.24	22502	8.801	518.6	23.0	

** The results obtained are satisfactory as per standard requirements.*

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-02-16-33 **Date: 04/08/2021**

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur) Byatarayanapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 30-07-21

Customer ID : Cement Concrete Pavement (Research Centre Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete CL5

Date of test : 04/08/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	28/07/2021	04/08/2021	151.68 X 150.96 X 151.64	22897	8.566	578.7	25.3	25.4
2	Cement Concrete Pavement	M30	28/07/2021	04/08/2021	149.67 X 151.30 X 149.20	22646	8.657	603.4	26.6	
3	Cement Concrete Pavement	M30	28/07/2021	04/08/2021	151.91 X 149.78 X 149.20	22754	8.041	551.3	24.2	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-02-16-33** **Date: 25/08/2021**

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur)
Byatarayanapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 30-07-21

Customer ID : Cement Concrete Pavement (Research Centre Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 25/08/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm^2)	(N/mm^2)
1	Cement Concrete Pavement	M30	28/07/2021	25/08/2021	150.16 X 149.03 X 151.27	22379	**8.321**	741.5	33.1	32.9
2	Cement Concrete Pavement	M30	28/07/2021	25/08/2021	151.74 X 150.26 X 149.69	22801	**8.540**	738.8	32.4	
3	Cement Concrete Pavement	M30	28/07/2021	25/08/2021	149.11 X 149.14 X 149.71	22238	**8.921**	735.4	33.1	

* The results obtained are satisfactory as per standard requirements.

CIVIL Pro Sig..... Date..... BANGALORE

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-02-16-33 **Date: 04/08/2021**

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur) Byatarayanapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 30-07-21

Customer ID : Cement Concrete Pavement (Research Centre Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 04/08/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	28/07/2021	04/08/2021	149.88 X 149.20 X 149.45	22361	**8.566**	562.0	25.1	25.2
2	Cement Concrete Pavement	M30	28/07/2021	04/08/2021	149.47 X 150.36 X 150.95	22474	**8.657**	588.9	26.2	
3	Cement Concrete Pavement	M30	28/07/2021	04/08/2021	151.78 X 150.25 X 149.38	22804	**8.041**	554.4	24.3	

* The results obtained are satisfactory as per standard requirements.

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CIVIL Pro Sig..... Date..... BANGALORE

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-02-16-33** **Date: 25/08/2021**

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur) Byatarayanapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 30-07-21

Customer ID : Cement Concrete Pavement (Research Centre Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 25/08/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm^2)	(N/mm^2)
1	Cement Concrete Pavement	M30	28/07/2021	25/08/2021	151.47 X 151.66 X 150.45	22971	**8.321**	776.3	33.8	33.3
2	Cement Concrete Pavement	M30	28/07/2021	25/08/2021	151.04 X 150.07 X 149.69	22666	**8.540**	741.6	32.7	
3	Cement Concrete Pavement	M30	28/07/2021	25/08/2021	150.12 X 149.01 X 151.20	22369	**8.921**	746.3	33.4	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-02-16-33 **Date: 04/08/2021**

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur) Byatarayanapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 30-07-21

Customer ID : Cement Concrete Pavement (Research Centre Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 04/08/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm^2)	(N/mm^2)
1	Cement Concrete Pavement	M30	28/07/2021	04/08/2021	150.65 X 151.88 X 149.96	22880	8.566	575.3	25.1	25.5
2	Cement Concrete Pavement	M30	28/07/2021	04/08/2021	150.74 X 149.77 X 150.05	22577	8.657	606.1	26.8	
3	Cement Concrete Pavement	M30	28/07/2021	04/08/2021	149.12 X 149.40 X 149.60	22278	8.041	547.7	24.6	

* The results obtained are satisfactory as per standard requirements.

CIVIL Pro Sig..... Date..... BANGALORE

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-02-16-33** **Date: 25/08/2021**

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur) Byatarayanapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 30-07-21

Customer ID : Cement Concrete Pavement (Research Centre Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 25/08/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm^2)	(N/mm^2)
1	Cement Concrete Pavement	M30	28/07/2021	25/08/2021	150.24 X 151.20 X 150.31	22716	**8.321**	770.0	33.9	33.1
2	Cement Concrete Pavement	M30	28/07/2021	25/08/2021	151.25 X 149.75 X 150.52	22649	**8.540**	728.0	32.1	
3	Cement Concrete Pavement	M30	28/07/2021	25/08/2021	151.37 X 151.45 X 151.55	22924	**8.921**	760.3	33.2	

* The results obtained are satisfactory as per standard requirements.

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

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HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
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AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-3548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-02-16-33 Date: 04/08/2021

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur) Byatarayanapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 30-07-21

Customer ID : Cement Concrete Pavement (Research Centre Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete CL5

Date of test : 04/08/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm^2)	(N/mm^2)
1	Cement Concrete Pavement	M30	28/07/2021	04/08/2021	149.07 X 151.65 X 150.54	22607	8.586	567.8	25.1	25.5
2	Cement Concrete Pavement	M30	28/07/2021	04/08/2021	151.06 X 150.56 X 151.79	22745	8.657	602.4	26.5	
3	Cement Concrete Pavement	M30	28/07/2021	04/08/2021	151.26 X 150.15 X 149.02	22712	8.041	563.9	24.8	

* The results obtained are satisfactory as per standard requirements.

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4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-02-16-33** **Date: 25/08/2021**

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur) Byatarayanapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 30-07-21

Customer ID : Cement Concrete Pavement (Research Centre Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 25/08/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	28/07/2021	25/08/2021	149.68 X 150.99 X 150.52	22600	**8.321**	759.8	33.6	33.1
2	Cement Concrete Pavement	M30	28/07/2021	25/08/2021	151.87 X 149.49 X 151.20	22703	**8.540**	738.6	32.5	
3	Cement Concrete Pavement	M30	28/07/2021	25/08/2021	151.91 X 150.17 X 150.84	22812	**8.921**	754.0	33.1	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-02-16-33 **Date:** 04/08/2021

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur) Byatarayanapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 30-07-21

Customer ID : Cement Concrete Pavement (Research Centre Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 04/08/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm^2)	(N/mm^2)
1	Cement Concrete Pavement	M30	28/07/2021	04/08/2021	151.96 X 149.98 X 151.03	22791	8.566	577.2	25.3	25.5
2	Cement Concrete Pavement	M30	28/07/2021	04/08/2021	149.29 X 151.04 X 149.41	22548	8.657	595.4	26.4	
3	Cement Concrete Pavement	M30	28/07/2021	04/08/2021	150.35 X 149.07 X 150.44	22412	8.041	555.6	24.8	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-02-16-33 **Date: 25/08/2021**

Project Name : Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

Improvements to Roads and Drains at Thirumenahalli Colony in Ward No.05 (Jakkur)
Byatarayanapura Sub Division

Agency : Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Customer's Reference : EE(Project)/Ynk Zone/WO/150/2020-21

Date of Receipt : 30-07-21

Customer ID : Cement Concrete Pavement (Research Centre Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 25/08/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm^2)	(N/mm^2)
1	Cement Concrete Pavement	M30	28/07/2021	25/08/2021	150.31 X 151.29 X 149.65	22739	8.321	769.9	33.9	33.3
2	Cement Concrete Pavement	M30	28/07/2021	25/08/2021	151.82 X 149.76 X 149.41	22737	8.540	739.0	32.5	
3	Cement Concrete Pavement	M30	28/07/2021	25/08/2021	151.54 X 151.43 X 151.98	22947	8.921	772.2	33.7	

* The results obtained are satisfactory as per standard requirements.

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